Relative Abundances			36Ar [fA]	%1σ	37Ar [fA]	%1σ	38Ar [fA]	%1σ	39Ar [fA]	%1σ	40Ar [fA]	%1σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	40Ar(r) (%)	39Ar(k) (%)	K/Ca ± 2σ
13D03941	1.6 %		0.0103936	4.500	7.823	8.750	0.0383417	106.053	0.11890	35.645	3.8737	4.933	12.47725 ± 10.23727	34.67 ± 28.17	36.59	0.06	0.0062 ± 0.0048
13D03943	2.0 %		0.0106023	4.553	16.585	4.410	0.0469606	81.726	0.26421	16.041	4.9568	3.856	12.36339 ± 4.57400	34.35 ± 12.59	63.10	0.14	0.0066 ± 0.0023
13D03944	2.4 %		0.0147121	3.301	35.123	2.111	0.0396753	97.811	0.67567	6.233	7.8192	2.449	9.56088 ± 1.44813	26.62 ± 4.00	79.72	0.36	0.0080 ± 0.0011
13D03945	2.8 %		0.0165751	3.535	47.779	1.494	0.0295496	135.720	0.81019	5.132	9.0016	2.121	10.10468 ± 1.27562	28.13 ± 3.52	87.32	0.42	0.0070 ± 0.0008
13D03947	3.2 %		0.0235779	2.344	75.349	1.019	0.0229919	166.584	1.29045	3.134	13.7282	1.395	10.23404 ± 0.78782	28.48 ± 2.18	92.40	0.68	0.0071 ± 0.0005
13D03948	3.6 %		0.0355327	1.763	113.689	0.778	0.0754502	51.819	2.02391	2.011	19.8434	0.965	9.39103 ± 0.48420	26.15 ± 1.34	92.15	1.06	0.0074 ± 0.0003
13D03949	4.0 %	✓	0.0656974	1.209	223.304	0.534	0.0261554	158.320	3.85351	1.045	38.1492	0.505	9.80208 ± 0.27434	27.29 ± 0.76	95.14	2.02	0.0071 ± 0.0002
13D03951	4.5 %	✓	0.1105707	0.896	392.592	0.475	0.1428987	26.621	6.67071	0.608	65.0312	0.296	9.87111 ± 0.17324	27.48 ± 0.48	97.23	3.50	0.0070 ± 0.0001
13D03952	5.2 %	✓	0.0920164	0.937	334.136	0.484	0.1007141	37.290	5.48967	0.747	53.5919	0.358	10.00687 ± 0.20412	27.85 ± 0.56	98.29	2.87	0.0068 ± 0.0001
13D03953	6.1 %	✓	0.1891379	0.626	685.236	0.448	0.1890764	20.442	11.55768	0.366	110.8882	0.174	9.81350 ± 0.11408	27.32 ± 0.32	98.19	6.06	0.0070 ± 0.0001
13D03955	7.3 %	✓	0.2595406	0.577	955.397	0.442	0.2245518	16.818	16.02992	0.272	152.7143	0.127	9.82440 ± 0.09626	27.35 ± 0.27	98.97	8.40	0.0069 ± 0.0001
13D03956	8.5 %	✓	0.3099237	0.505	1133.727	0.440	0.2591590	15.489	19.11447	0.220	182.2634	0.106	9.80055 ± 0.08474	27.28 ± 0.23	98.66	10.01	0.0070 ± 0.0001
13D03957	9.7 %	✓	0.3126412	0.549	1145.907	0.440	0.2820107	14.377	19.57076	0.225	187.0332	0.104	9.82887 ± 0.08708	27.36 ± 0.24	98.78	10.26	0.0071 ± 0.0001
13D03959	11.0 %	✓	0.3271522	0.496	1183.333	0.440	0.2539644	15.635	20.47043	0.214	197.7708	0.098	9.86939 ± 0.08226	27.48 ± 0.23	98.16	10.74	0.0071 ± 0.0001
13D03960	12.4 %	✓	0.3015046	0.524	1082.746	0.441	0.2515888	15.434	18.91608	0.228	183.1626	0.106	9.85459 ± 0.08542	27.43 ± 0.24	97.84	9.93	0.0072 ± 0.0001
13D03961	13.8 %	✓	0.2193819	0.652	795.246	0.444	0.1312475	31.505	14.18362	0.315	136.9942	0.141	9.87032 ± 0.10381	27.48 ± 0.29	98.32	7.45	0.0074 ± 0.0001
13D03963	15.4 %	✓	0.1521301	0.721	550.287	0.456	0.1539773	25.315	9.78217	0.424	94.6283	0.204	9.87641 ± 0.12687	27.49 ± 0.35	98.22	5.14	0.0074 ± 0.0001
13D03964	17.2 %		0.2813035	0.538	966.866	0.442	0.2135652	19.307	17.25503	0.248	173.2547	0.111	10.00796 ± 0.08977	27.86 ± 0.25	95.90	9.06	0.0074 ± 0.0001
13D03965	19.4 %		0.1847013	0.649	663.583	0.448	0.1420140	28.111	11.72632	0.356	115.1523	0.167	9.99719 ± 0.11240	27.83 ± 0.31	97.91	6.16	0.0073 ± 0.0001
13D03967	21.9 %		0.1241700	0.790	437.478	0.467	0.0483147	77.829	7.54428	0.562	75.2545	0.255	10.06530 ± 0.15924	28.02 ± 0.44	96.95	3.96	0.0071 ± 0.0001
13D03969	23.0 %		0.0517206	1.374	189.318	0.568	0.0489451	77.798	3.32634	1.188	32.9957	0.579	10.19179 ± 0.31324	28.37 ± 0.87	98.79	1.75	0.0073 ± 0.0002
		Σ	3.0929858	0.167	11035.505	0.125	2.3661142	7.614	190.67434	0.101	1858.1075	0.047					

Information on Analysis and Constants Used in Calculations

Project = **MV1203 (13-INT-04)**
Sample = **MV1203-D37-01**
Material = **Plagioclase**
Location = **Omura Guyot**
Region = **Walvis Ridge**
Analyst = **Susan Schnur**
Irradiation = **13-OSU-05**
Position = **X: | Y: | Z/H: 64.4 mm**
FCT-NM Age = **28.201 ± 0.023 Ma**
FCT-NM Reference = **Kuiper et al (2008)**
FCT-NM 40Ar/39Ar Ratio = **10.13215 ± 0.01155**
FCT-NM J-value = **0.00155124 ± 0.00000177**
Air Shot 40Ar/36Ar = **302.7820 ± 0.2846**
Air Shot MDF = **0.99397965 ± 0.00062288 (LIN)**
Experiment Type = **Incremental Heating**
Extraction Method = **Bulk Laser Heating**
Heating = **60 sec**
Isolation = **5.52 min**
Instrument = **ARGUS-VI-D**
Preferred Age = **Plateau Age**
Age Classification = **Eruption Age**
IGSN = **IESS10002**
Rock Class = **Igneous>Volcanic>Mafic**
Lithology = **Trachybasalt**
Lat-Lon = **37°33.0'S - 8°27.1'W**

Age Equations = **Min et al. (2000)**
Negative Intensities = **Allowed**
Collector Calibrations = **40Ar 36Ar**
Decay 40K = **5.530 ± 0.048 E-10 1/a**
Decay 39Ar = **2.940 ± 0.016 E-07 1/h**
Decay 37Ar = **8.230 ± 0.012 E-04 1/h**
Decay 36Cl = **2.257 ± 0.015 E-06 1/a**
Decay 40K(EC,β^+) = **0.580 ± 0.009 E-10 1/a**
Decay 40K(β^-) = **4.950 ± 0.043 E-10 1/a**
Atmospheric 40/36(a) = **295.50**
Atmospheric 38/36(a) = **0.1869**
Production 39/37(ca) = **0.0006756 ± 0.0000089**
Production 38/37(ca) = **0.0000718 ± 0.0000092**
Production 36/37(ca) = **0.0002663 ± 0.0000004**
Production 40/39(k) = **0.003823 ± 0.000102**
Production 38/39(k) = **0.012031 ± 0.000019**
Production 36/38(cl) = **262.80 ± 1.71**
Scaling Ratio K/Ca = **0.430**
Abundance Ratio 40K/K = **1.1700 ± 0.0100 E-04**
Atomic Weight K = **39.0983 ± 0.0001 g**

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD	39Ar(k) (%,n)	K/Ca ± 2σ
Age Plateau		9.84546 ± 0.03217 ± 0.33%	**27.41 ± 0.11 ± 0.40%**	0.53 87% 1.89 1.0000	76.36 11 2σ Confidence Limit Error Magnification	0.0071 ± 0.0001
		Full External Error ± 0.63 Analytical Error ± 0.09				
Total Fusion Age		9.88893 ± 0.03113 ± 0.31%	**27.53 ± 0.11 ± 0.39%**		21	0.0071 ± 0.0000
		Full External Error ± 0.63 Analytical Error ± 0.09				
Normal Isochron	**351.64 ± 172.06 ± 48.93%**	9.80748 ± 0.10218 ± 1.04%	**27.30 ± 0.29 ± 1.06%**	0.39 94% 1.94 1.0000 1 0.0000055177	76.36 11 2σ Confidence Limit Error Magnification Number of Iterations Convergence	
		Full External Error ± 0.68 Analytical Error ± 0.28				
Inverse Isochron Clustered Points	**380.45 ± 183.47 ± 48.22%**	9.79851 ± 0.11082 ± 1.13%	**27.28 ± 0.31 ± 1.15%**	0.47 89% 1.94 1.0000 5 0.0001077519 4%	76.36 11 2σ Confidence Limit Error Magnification Number of Iterations Convergence Spreading Factor	
		Full External Error ± 0.69 Analytical Error ± 0.31				

Notes
Good, although isochron not well-developed.

Incremental Heating			36Ar(a) [fA]	37Ar(ca) [fA]	38Ar(cl) [fA]	39Ar(k) [fA]	40Ar(r) [fA]	Age ± 2σ (Ma)	40Ar(r) (%)	39Ar(k) (%)	K/Ca ± 2σ
13D03941	1.6 %		0.0083104	7.823	0.0000000	0.11361	1.4176	34.67 ± 28.17	36.59	0.06	0.0062 ± 0.0048
13D03943	2.0 %		0.0061857	16.585	0.0000000	0.25301	3.1280	34.35 ± 12.59	63.10	0.14	0.0066 ± 0.0023
13D03944	2.4 %		0.0053589	35.123	0.0000000	0.65194	6.2332	26.62 ± 4.00	79.72	0.36	0.0080 ± 0.0011
13D03945	2.8 %		0.0038514	47.779	0.0000000	0.77791	7.8606	28.13 ± 3.52	87.32	0.42	0.0070 ± 0.0008
13D03947	3.2 %		0.0035125	75.349	0.0000000	1.23955	12.6856	28.48 ± 2.18	92.40	0.68	0.0071 ± 0.0005
13D03948	3.6 %		0.0052476	113.689	0.0428809	1.94711	18.2853	26.15 ± 1.34	92.15	1.06	0.0074 ± 0.0003
13D03949	4.0 %	✓	0.0062316	223.304	0.0000000	3.70264	36.2936	27.29 ± 0.76	95.14	2.02	0.0071 ± 0.0002
13D03951	4.5 %	✓	0.0060153	392.592	0.0365221	6.40548	63.2292	27.48 ± 0.48	97.23	3.50	0.0070 ± 0.0001
13D03952	5.2 %	✓	0.0030332	334.136	0.0128260	5.26392	52.6754	27.85 ± 0.56	98.29	2.87	0.0068 ± 0.0001
13D03953	6.1 %	✓	0.0066583	685.236	0.0051513	11.09474	108.8782	27.32 ± 0.32	98.19	6.06	0.0070 ± 0.0001
13D03955	7.3 %	✓	0.0051184	955.397	0.0000000	15.38446	151.1430	27.35 ± 0.27	98.97	8.40	0.0069 ± 0.0001
13D03956	8.5 %	✓	0.0080122	1133.727	0.0000000	18.34853	179.8256	27.28 ± 0.23	98.66	10.01	0.0070 ± 0.0001
13D03957	9.7 %	✓	0.0074862	1145.907	0.0000000	18.79658	184.7492	27.36 ± 0.24	98.78	10.26	0.0071 ± 0.0001
13D03959	11.0 %	✓	0.0120307	1183.333	0.0000000	19.67097	194.1406	27.48 ± 0.23	98.16	10.74	0.0071 ± 0.0001
13D03960	12.4 %	✓	0.0131694	1082.746	0.0000000	18.18458	179.2015	27.43 ± 0.24	97.84	9.93	0.0072 ± 0.0001
13D03961	13.8 %	✓	0.0076080	795.246	0.0000000	13.64636	134.6939	27.48 ± 0.29	98.32	7.45	0.0074 ± 0.0001
13D03963	15.4 %	✓	0.0055885	550.287	0.0002057	9.41039	92.9409	27.49 ± 0.35	98.22	5.14	0.0074 ± 0.0001
13D03964	17.2 %		0.0238270	966.866	0.0000000	16.60182	166.1503	27.86 ± 0.25	95.90	9.06	0.0074 ± 0.0001
13D03965	19.4 %		0.0079891	663.583	0.0000000	11.27801	112.7484	27.83 ± 0.31	97.91	6.16	0.0073 ± 0.0001
13D03967	21.9 %		0.0076695	437.478	0.0000000	7.24872	72.9605	28.02 ± 0.44	96.95	3.96	0.0071 ± 0.0001
13D03969	23.0 %		0.0013051	189.318	0.0000000	3.19843	32.5978	28.37 ± 0.87	98.79	1.75	0.0073 ± 0.0002
		Σ	0.1542090	11035.505	0.0975859	183.21875	1811.8383				

Information on Analysis

Project = **MV1203 (13-INT-04)**
Sample = **MV1203-D37-01**
Material = **Plagioclase**
Location = **Omura Guyot**
Region = **Walvis Ridge**
Analyst = **Susan Schnur**
Irradiation = **13-OSU-05**
J = **0.00155124 ± 0.00000177**
FCT-NM = **28.201 ± 0.023 Ma**

Results	40(r)/39(k) ± 2σ		Age ± 2σ (Ma)		MSWD	39Ar(k) (%,n)	K/Ca ± 2σ
Age Plateau	9.84546	± 0.03217	**27.41**	**± 0.11**	0.53	76.36	0.0071 ± 0.0001
		± 0.33%		**± 0.40%**	87%	11	
			Full External Error	± 0.63	1.89	2σ Confidence Limit	
			Analytical Error	± 0.09	1.0000	Error Magnification	
Total Fusion Age	9.88893	± 0.03113	**27.53**	**± 0.11**		21	0.0071 ± 0.0000
		± 0.31%		**± 0.39%**			
			Full External Error	± 0.63			
			Analytical Error	± 0.09			

Normal Isochron			39(k)/36(a) ± 2σ	40(a+r)/36(a) ± 2σ	r.i.
13D03941	1.6 %		13.67 ± 10.33	466.08 ± 72.70	0.1238
13D03943	2.0 %		40.90 ± 15.34	801.19 ± 148.35	0.4081
13D03944	2.4 %		121.66 ± 28.53	1458.63 ± 294.28	0.8096
13D03945	2.8 %		201.98 ± 68.16	2336.44 ± 754.37	0.9403
13D03947	3.2 %		352.90 ± 120.76	3907.06 ± 1316.96	0.9783
13D03948	3.6 %		371.05 ± 96.15	3780.03 ± 969.43	0.9841
13D03949	4.0 %	✓	594.17 ± 164.55	6119.64 ± 1690.64	0.9962
13D03951	4.5 %	✓	1064.87 ± 396.61	10806.98 ± 4023.22	0.9993
13D03952	5.2 %	✓	1735.43 ± 1113.50	17661.68 ± 11329.59	0.9996
13D03953	6.1 %	✓	1666.30 ± 733.16	16647.75 ± 7324.03	0.9998
13D03955	7.3 %	✓	3005.69 ± 2245.56	29824.59 ± 22281.49	1.0000
13D03956	8.5 %	✓	2290.08 ± 1201.45	22739.58 ± 11929.46	1.0000
13D03957	9.7 %	✓	2510.83 ± 1494.66	24974.15 ± 14866.32	1.0000
13D03959	11.0 %	✓	1635.07 ± 594.22	16432.65 ± 5971.58	0.9999
13D03960	12.4 %	✓	1380.82 ± 434.84	13902.94 ± 4377.79	0.9999
13D03961	13.8 %	✓	1793.69 ± 821.26	17999.75 ± 8240.66	0.9999
13D03963	15.4 %	✓	1683.88 ± 785.65	16926.17 ± 7896.13	0.9998
13D03964	17.2 %		696.76 ± 113.11	7268.69 ± 1179.50	0.9994
13D03965	19.4 %		1411.67 ± 516.55	14408.26 ± 5271.28	0.9997
13D03967	21.9 %		945.13 ± 279.99	9808.53 ± 2903.82	0.9991
13D03969	23.0 %		2450.73 ± 2891.93	25272.85 ± 29817.47	0.9997

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Normal Isochron	**351.64 ± 172.06 ± 48.93%**	9.80748 ± 0.10218 ± 1.04%	**27.30 ± 0.29 ± 1.06%**	0.39 94%
			Full External Error ± 0.68	
			Analytical Error ± 0.28	

Statistics				
	2σ Confidence Limit	1.94	Convergence	0.000005517705
	Error Magnification	1.0000	Number of Iterations	1
	Number of Data Points	11	Calculated Line	Weighted York-2

Inverse Isochron			39(k)/40(a+r) ± 2σ	36(a)/40(a+r) ± 2σ	r.i.
13D03941	1.6 %		0.0293320 ± 0.0220757	0.00214557 ± 0.00033467	0.0829
13D03943	2.0 %		0.0510517 ± 0.0175527	0.00124815 ± 0.00023110	0.0934
13D03944	2.4 %		0.0834038 ± 0.0115250	0.00068557 ± 0.00013832	0.0861
13D03945	2.8 %		0.0864477 ± 0.0099434	0.00042800 ± 0.00013819	0.0485
13D03947	3.2 %		0.0903229 ± 0.0064110	0.00025595 ± 0.00008627	0.0325
13D03948	3.6 %		0.0981603 ± 0.0045220	0.00026455 ± 0.00006785	0.0316
13D03949	4.0 %	✓	0.0970930 ± 0.0023313	0.00016341 ± 0.00004514	0.0154
13D03951	4.5 %	✓	0.0985357 ± 0.0013813	0.00009253 ± 0.00003445	0.0067
13D03952	5.2 %	✓	0.0982594 ± 0.0016882	0.00005662 ± 0.00003632	0.0046
13D03953	6.1 %	✓	0.1000917 ± 0.0008463	0.00006007 ± 0.00002643	0.0033
13D03955	7.3 %	✓	0.1007789 ± 0.0006373	0.00003353 ± 0.00002505	0.0014
13D03956	8.5 %	✓	0.1007092 ± 0.0005227	0.00004398 ± 0.00002307	0.0017
13D03957	9.7 %	✓	0.1005373 ± 0.0005280	0.00004004 ± 0.00002384	0.0014
13D03959	11.0 %	✓	0.0995013 ± 0.0004979	0.00006085 ± 0.00002211	0.0021
13D03960	12.4 %	✓	0.0993188 ± 0.0005272	0.00007193 ± 0.00002265	0.0027
13D03961	13.8 %	✓	0.0996506 ± 0.0007183	0.00005556 ± 0.00002543	0.0024
13D03963	15.4 %	✓	0.0994837 ± 0.0009733	0.00005908 ± 0.00002756	0.0037
13D03964	17.2 %		0.0958583 ± 0.0005485	0.00013758 ± 0.00002232	0.0054
13D03965	19.4 %		0.0979766 ± 0.0008035	0.00006940 ± 0.00002539	0.0037
13D03967	21.9 %		0.0963581 ± 0.0012344	0.00010195 ± 0.00003018	0.0069
13D03969	23.0 %		0.0969710 ± 0.0026497	0.00003957 ± 0.00004668	0.0042

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Inverse Isochron	**380.45 ± 183.47**	9.79851 ± 0.11082	**27.28 ± 0.31**	0.47
Clustered Points	**± 48.22%**	± 1.13%	**± 1.15%**	89%
			Full External Error ± 0.69	
			Analytical Error ± 0.31	

Statistics				
	2σ Confidence Limit	1.94	Convergence	0.0001077519
	Error Magnification	1.0000	Number of Iterations	5
	Number of Data Points	11	Calculated Line	Weighted York-2
	Spreading Factor	3.6%		

Degassing Patterns			36Ar(a) [fA]	%1σ	36Ar(c) [fA]	%1σ	36Ar(ca) [fA]	%1σ	36Ar(cl) [fA]	%1σ	37Ar(ca) [fA]	%1σ	38Ar(a) [fA]	%1σ	38Ar(c) [fA]	%1σ	38Ar(k) [fA]	%1σ	38Ar(ca) [fA]	%1σ	38Ar(cl) [fA]	%1σ	39Ar(k) [fA]	%1σ	39Ar(ca) [fA]	%1σ	40Ar(r) [fA]	%1σ	40Ar(a) [fA]	%1σ	40Ar(c) [fA]	%1σ	40Ar(k) [fA]
13D03941	1.6 %		0.0083104	6.04	0.0000000	0.00	0.0020832	8.75	0.0000000	0.00	7.823	8.75	0.0015532	6.04	0.0000000	0.00	0.0013669	37.31	0.0005617	15.52	0.0000000	0.00	0.11361	37.31	0.0052850	8.85	1.4176	17.07	2.455736	6.04	0.0000000	0.00	0.0004343
13D03943	2.0 %		0.0061857	8.42	0.0000000	0.00	0.0044167	4.41	0.0000000	0.00	16.585	4.41	0.0011561	8.42	0.0000000	0.00	0.0030439	16.75	0.0011908	13.56	0.0000000	0.00	0.25301	16.75	0.0112050	4.60	3.1280	7.84	1.827860	8.42	0.0000000	0.00	0.0009672
13D03944	2.4 %		0.0053589	9.79	0.0000000	0.00	0.0093532	2.12	0.0000000	0.00	35.123	2.11	0.0010016	9.79	0.0000000	0.00	0.0078435	6.46	0.0025218	12.99	0.0000000	0.00	0.65194	6.46	0.0237289	2.49	6.2332	3.95	1.583562	9.79	0.0000000	0.00	0.0024924
13D03945	2.8 %		0.0038514	16.00	0.0000000	0.00	0.0127237	1.50	0.0000000	0.00	47.779	1.49	0.0007198	16.00	0.0000000	0.00	0.0093591	5.35	0.0034306	12.91	0.0000000	0.00	0.77791	5.35	0.0322798	1.99	7.8606	3.36	1.138102	16.00	0.0000000	0.00	0.0029740
13D03947	3.2 %		0.0035125	16.80	0.0000000	0.00	0.0200654	1.03	0.0000000	0.00	75.349	1.02	0.0006565	16.80	0.0000000	0.00	0.0149130	3.27	0.0054101	12.86	0.0000000	0.00	1.23955	3.26	0.0509058	1.67	12.6856	2.04	1.037940	16.80	0.0000000	0.00	0.0047388
13D03948	3.6 %		0.0052476	12.79	0.0000000	0.00	0.0302755	0.79	0.0000096	91.23	113.689	0.78	0.0009808	12.79	0.0000000	0.00	0.0234256	2.10	0.0081629	12.84	0.0428809	91.23	1.94711	2.09	0.0768085	1.53	18.2853	1.51	1.550659	12.79	0.0000000	0.00	0.0074438
13D03949	4.0 %	✓	0.0062316	13.80	0.0000000	0.00	0.0594658	0.55	0.0000000	0.00	223.304	0.53	0.0011647	13.80	0.0000000	0.00	0.0445465	1.10	0.0160332	12.83	0.0000000	0.00	3.70264	1.09	0.1508640	1.42	36.2936	0.88	1.841430	13.80	0.0000000	0.00	0.0141552
13D03951	4.5 %	✓	0.0060153	18.61	0.0000000	0.00	0.1045472	0.50	0.0000082	104.65	392.592	0.47	0.0011243	18.61	0.0000000	0.00	0.0770643	0.66	0.0281881	12.83	0.0365221	104.65	6.40548	0.64	0.2652350	1.40	63.2292	0.61	1.777507	18.61	0.0000000	0.00	0.0244881
13D03952	5.2 %	✓	0.0030332	32.07	0.0000000	0.00	0.0889803	0.51	0.0000029	293.84	334.136	0.48	0.0005669	32.07	0.0000000	0.00	0.0633303	0.80	0.0239909	12.83	0.0128260	293.84	5.26392	0.78	0.2257421	1.41	52.6754	0.66	0.896316	32.07	0.0000000	0.00	0.0201240
13D03953	6.1 %	✓	0.0066583	22.00	0.0000000	0.00	0.1824784	0.47	0.0000012	760.39	685.236	0.45	0.0012444	22.00	0.0000000	0.00	0.1334808	0.42	0.0492000	12.83	0.0051513	760.39	11.09474	0.39	0.4629456	1.39	108.8782	0.44	1.967529	22.00	0.0000000	0.00	0.0424152
13D03955	7.3 %	✓	0.0051184	37.35	0.0000000	0.00	0.2544221	0.47	0.0000000	0.00	955.397	0.44	0.0009566	37.35	0.0000000	0.00	0.1850904	0.33	0.0685975	12.83	0.0000000	0.00	15.38446	0.29	0.6454660	1.39	151.1430	0.40	1.512500	37.35	0.0000000	0.00	0.0588148
13D03956	8.5 %	✓	0.0080122	26.23	0.0000000	0.00	0.3019116	0.47	0.0000000	0.00	1133.727	0.44	0.0014975	26.23	0.0000000	0.00	0.2207511	0.29	0.0814016	12.83	0.0000000	0.00	18.34853	0.24	0.7659461	1.39	179.8256	0.36	2.367594	26.23	0.0000000	0.00	0.0701464
13D03957	9.7 %	✓	0.0074862	29.76	0.0000000	0.00	0.3051550	0.47	0.0000000	0.00	1145.907	0.44	0.0013992	29.76	0.0000000	0.00	0.2261417	0.29	0.0822761	12.83	0.0000000	0.00	18.79658	0.24	0.7741748	1.39	184.7492	0.37	2.212171	29.76	0.0000000	0.00	0.0718593
13D03959	11.0 %	✓	0.0120307	18.17	0.0000000	0.00	0.3151215	0.46	0.0000000	0.00	1183.333	0.44	0.0022485	18.17	0.0000000	0.00	0.2366615	0.28	0.0849633	12.83	0.0000000	0.00	19.67097	0.23	0.7994596	1.39	194.1406	0.35	3.555059	18.17	0.0000000	0.00	0.0752021
13D03960	12.4 %	✓	0.0131694	15.74	0.0000000	0.00	0.2883352	0.47	0.0000000	0.00	1082.746	0.44	0.0024614	15.74	0.0000000	0.00	0.2187787	0.29	0.0777412	12.83	0.0000000	0.00	18.18458	0.24	0.7315031	1.39	179.2015	0.36	3.891550	15.74	0.0000000	0.00	0.0695196
13D03961	13.8 %	✓	0.0076080	22.89	0.0000000	0.00	0.2117739	0.47	0.0000000	0.00	795.246	0.44	0.0014219	22.89	0.0000000	0.00	0.1641793	0.37	0.0570986	12.83	0.0000000	0.00	13.64636	0.33	0.5372679	1.39	134.6939	0.41	2.248163	22.89	0.0000000	0.00	0.0521700
13D03963	15.4 %	✓	0.0055885	23.32	0.0000000	0.00	0.1465415	0.48	0.0000000	######	550.287	0.46	0.0010445	23.32	0.0000000	0.00	0.1132165	0.47	0.0395106	12.83	0.0002057	######	9.41039	0.44	0.3717742	1.40	92.9409	0.46	1.651409	23.32	0.0000000	0.00	0.0359759
13D03964	17.2 %		0.0238270	8.11	0.0000000	0.00	0.2574765	0.47	0.0000000	0.00	966.866	0.44	0.0044533	8.11	0.0000000	0.00	0.1997364	0.31	0.0694210	12.83	0.0000000	0.00	16.60182	0.26	0.6532148	1.39	166.1503	0.36	7.040884	8.11	0.0000000	0.00	0.0634687
13D03965	19.4 %		0.0079891	18.29	0.0000000	0.00	0.1767122	0.47	0.0000000	0.00	663.583	0.45	0.0014932	18.29	0.0000000	0.00	0.1356857	0.41	0.0476453	12.83	0.0000000	0.00	11.27801	0.37	0.4483167	1.39	112.7484	0.42	2.360783	18.29	0.0000000	0.00	0.0431158
13D03967	21.9 %		0.0076695	14.80	0.0000000	0.00	0.1165005	0.49	0.0000000	0.00	437.478	0.47	0.0014334	14.80	0.0000000	0.00	0.0872093	0.61	0.0314110	12.83	0.0000000	0.00	7.24872	0.59	0.2955604	1.40	72.9605	0.53	2.266347	14.80	0.0000000	0.00	0.0277118
13D03969	23.0 %		0.0013051	58.99	0.0000000	0.00	0.0504155	0.59	0.0000000	0.00	189.318	0.57	0.0002439	58.99	0.0000000	0.00	0.0384804	1.25	0.0135931	12.83	0.0000000	0.00	3.19843	1.24	0.1279035	1.44	32.5978	0.91	0.385655	58.99	0.0000000	0.00	0.0122276
		Σ	0.1542090	4.19	0.0000000	0.00	2.9387549	0.13	0.0000219	88.71	11035.505	0.12	0.0288217	4.19	0.0000000	0.00	2.2043048	0.12	0.7923492	3.57	0.0975859	88.69	183.21875	0.11	7.4555869	0.39	1811.8383	0.12	45.568754	4.19	0.0000000	0.00	0.7004453
		Σ							3.0929858	0.24	11035.505	0.12									3.1230616	2.92			190.67434	0.10							1858.1075

%1σ
37.40
16.96
6.99
5.97
4.21
3.38
2.87
2.73
2.77
2.69
2.68
2.67
2.67
2.67
2.67
2.68
2.70
2.67
2.69
2.72
2.93
0.75
0.15

Additional Parameters			40Ar/39Ar	1σ	37Ar/39Ar	1σ	36Ar/39Ar	1σ	Time (days)	37Ar (decay)	39Ar (decay)	40Ar (moles)
13D03941	1.6 %		32.580649	11.724185	65.794288	24.148900	0.087417	0.031407	138.423	15.434379	1.00097807	1.859E-13
13D03943	2.0 %		18.760918	3.095204	62.772757	10.443148	0.040128	0.006691	138.440	15.439673	1.00097819	2.379E-13
13D03944	2.4 %		11.572481	0.774968	51.981813	3.420667	0.021774	0.001536	138.449	15.442214	1.00097825	3.753E-13
13D03945	2.8 %		11.110483	0.616949	58.972872	3.152116	0.020458	0.001275	138.458	15.444968	1.00097832	4.321E-13
13D03947	3.2 %		10.638321	0.364904	58.389617	1.924091	0.018271	0.000715	138.474	15.450054	1.00097844	6.590E-13
13D03948	3.6 %		9.804478	0.218702	56.173007	1.211260	0.017556	0.000470	138.483	15.452809	1.00097850	9.525E-13
13D03949	4.0 %	✓	9.899859	0.114893	57.948193	0.679992	0.017049	0.000273	138.492	15.455353	1.00097856	1.831E-12
13D03951	4.5 %	✓	9.748762	0.065878	58.853045	0.453865	0.016576	0.000180	138.509	15.460653	1.00097868	3.121E-12
13D03952	5.2 %	✓	9.762315	0.080819	60.866310	0.541619	0.016762	0.000201	138.518	15.463410	1.00097874	2.572E-12
13D03953	6.1 %	✓	9.594328	0.038845	59.288382	0.342810	0.016365	0.000119	138.526	15.465956	1.00097880	5.323E-12
13D03955	7.3 %	✓	9.526829	0.028611	59.600833	0.309567	0.016191	0.000103	138.544	15.471260	1.00097893	7.330E-12
13D03956	8.5 %	✓	9.535359	0.023322	59.312501	0.292025	0.016214	0.000089	138.552	15.473807	1.00097898	8.749E-12
13D03957	9.7 %	✓	9.556770	0.023679	58.552000	0.289641	0.015975	0.000095	138.561	15.476567	1.00097905	8.978E-12
13D03959	11.0 %	✓	9.661292	0.022778	57.806921	0.282843	0.015982	0.000086	138.578	15.481662	1.00097917	9.493E-12
13D03960	12.4 %	✓	9.682902	0.024312	57.239441	0.283984	0.015939	0.000091	138.587	15.484423	1.00097923	8.792E-12
13D03961	13.8 %	✓	9.658618	0.033308	56.067870	0.305330	0.015467	0.000112	138.595	15.486972	1.00097929	6.576E-12
13D03963	15.4 %	✓	9.673553	0.045550	56.254135	0.350247	0.015552	0.000130	138.612	15.492284	1.00097941	4.542E-12
13D03964	17.2 %		10.040820	0.027299	56.033874	0.283876	0.016303	0.000097	138.622	15.495047	1.00097947	8.316E-12
13D03965	19.4 %		9.819984	0.038633	56.589176	0.323885	0.015751	0.000117	138.630	15.497597	1.00097953	5.527E-12
13D03967	21.9 %		9.975050	0.061546	57.988119	0.423611	0.016459	0.000160	138.647	15.502913	1.00097966	3.612E-12
13D03969	23.0 %		9.919513	0.131139	56.914964	0.749602	0.015549	0.000282	138.665	15.508230	1.00097978	1.584E-12

Procedure Blanks		36Ar ± 1σ (SE) [fA]	37Ar ± 1σ (SE) [fA]	38Ar ± 1σ (SE) [fA]	39Ar ± 1σ (SE) [fA]	40Ar ± 1σ (SE) [fA]
13D03941	1.6 %	0.0119838 ± 0.0003118	0.0205001 ± 0.0318871	0.0068837 ± 0.0264430	0.0513275 ± 0.0319989	3.5018211 ± 0.1896415
13D03943	2.0 %	0.0123058 ± 0.0003118	0.0257679 ± 0.0318871	0.0022277 ± 0.0264430	0.0582993 ± 0.0319989	3.5864390 ± 0.1896415
13D03944	2.4 %	0.0123002 ± 0.0003118	0.0246981 ± 0.0318871	0.0039241 ± 0.0264430	0.0596020 ± 0.0319989	3.5882986 ± 0.1896415
13D03945	2.8 %	0.0122145 ± 0.0003118	0.0217043 ± 0.0318871	0.0076006 ± 0.0264430	0.0598245 ± 0.0319989	3.5700720 ± 0.1896415
13D03947	3.2 %	0.0119254 ± 0.0003118	0.0130380 ± 0.0318871	0.0170382 ± 0.0264430	0.0577413 ± 0.0319989	3.5001340 ± 0.1896415
13D03948	3.6 %	0.0117396 ± 0.0003118	0.0075560 ± 0.0318871	0.0224626 ± 0.0264430	0.0556478 ± 0.0319989	3.4518330 ± 0.1896415
13D03949	4.0 %	0.0115715 ± 0.0003118	0.0024871 ± 0.0318871	0.0270936 ± 0.0264430	0.0533304 ± 0.0319989	3.4056189 ± 0.1896415
13D03951	4.5 %	0.0112849 ± 0.0003118	0.0068627 ± 0.0318871	0.0342187 ± 0.0264430	0.0479252 ± 0.0319989	3.3167170 ± 0.1896415
13D03952	5.2 %	0.0111917 ± 0.0003118	0.0105461 ± 0.0318871	0.0360457 ± 0.0264430	0.0450998 ± 0.0319989	3.2797217 ± 0.1896415
13D03953	6.1 %	0.0111487 ± 0.0003118	0.0129840 ± 0.0318871	0.0363872 ± 0.0264430	0.0426414 ± 0.0319989	3.2536011 ± 0.1896415
13D03955	7.3 %	0.0112058 ± 0.0003118	0.0146224 ± 0.0318871	0.0327605 ± 0.0264430	0.0383981 ± 0.0319989	3.2284439 ± 0.1896415
13D03956	8.5 %	0.0113043 ± 0.0003118	0.0136458 ± 0.0318871	0.0290184 ± 0.0264430	0.0369506 ± 0.0319989	3.2313820 ± 0.1896415
13D03957	9.7 %	0.0114593 ± 0.0003118	0.0112969 ± 0.0318871	0.0236879 ± 0.0264430	0.0359181 ± 0.0319989	3.2454182 ± 0.1896415
13D03959	11.0 %	0.0118532 ± 0.0003118	0.0036981 ± 0.0318871	0.0112704 ± 0.0264430	0.0356871 ± 0.0319989	3.2978724 ± 0.1896415
13D03960	12.4 %	0.0121054 ± 0.0003118	0.0019158 ± 0.0318871	0.0038417 ± 0.0264430	0.0365551 ± 0.0319989	3.3376685 ± 0.1896415
13D03961	13.8 %	0.0123466 ± 0.0003118	0.0077923 ± 0.0318871	0.0029148 ± 0.0264430	0.0380090 ± 0.0319989	3.3788961 ± 0.1896415
13D03963	15.4 %	0.0128102 ± 0.0003118	0.0211399 ± 0.0318871	0.0145505 ± 0.0264430	0.0430838 ± 0.0319989	3.4675160 ± 0.1896415
13D03964	17.2 %	0.0129895 ± 0.0003118	0.0279887 ± 0.0318871	0.0179635 ± 0.0264430	0.0468004 ± 0.0319989	3.5077875 ± 0.1896415
13D03965	19.4 %	0.0130884 ± 0.0003118	0.0337641 ± 0.0318871	0.0185840 ± 0.0264430	0.0508571 ± 0.0319989	3.5362247 ± 0.1896415
13D03967	21.9 %	0.0129854 ± 0.0003118	0.0423116 ± 0.0318871	0.0087743 ± 0.0264430	0.0610784 ± 0.0319989	3.5495147 ± 0.1896415
13D03969	23.0 %	0.0122653 ± 0.0003118	0.0426556 ± 0.0318871	0.0223070 ± 0.0264430	0.0733006 ± 0.0319989	3.4638786 ± 0.1896415

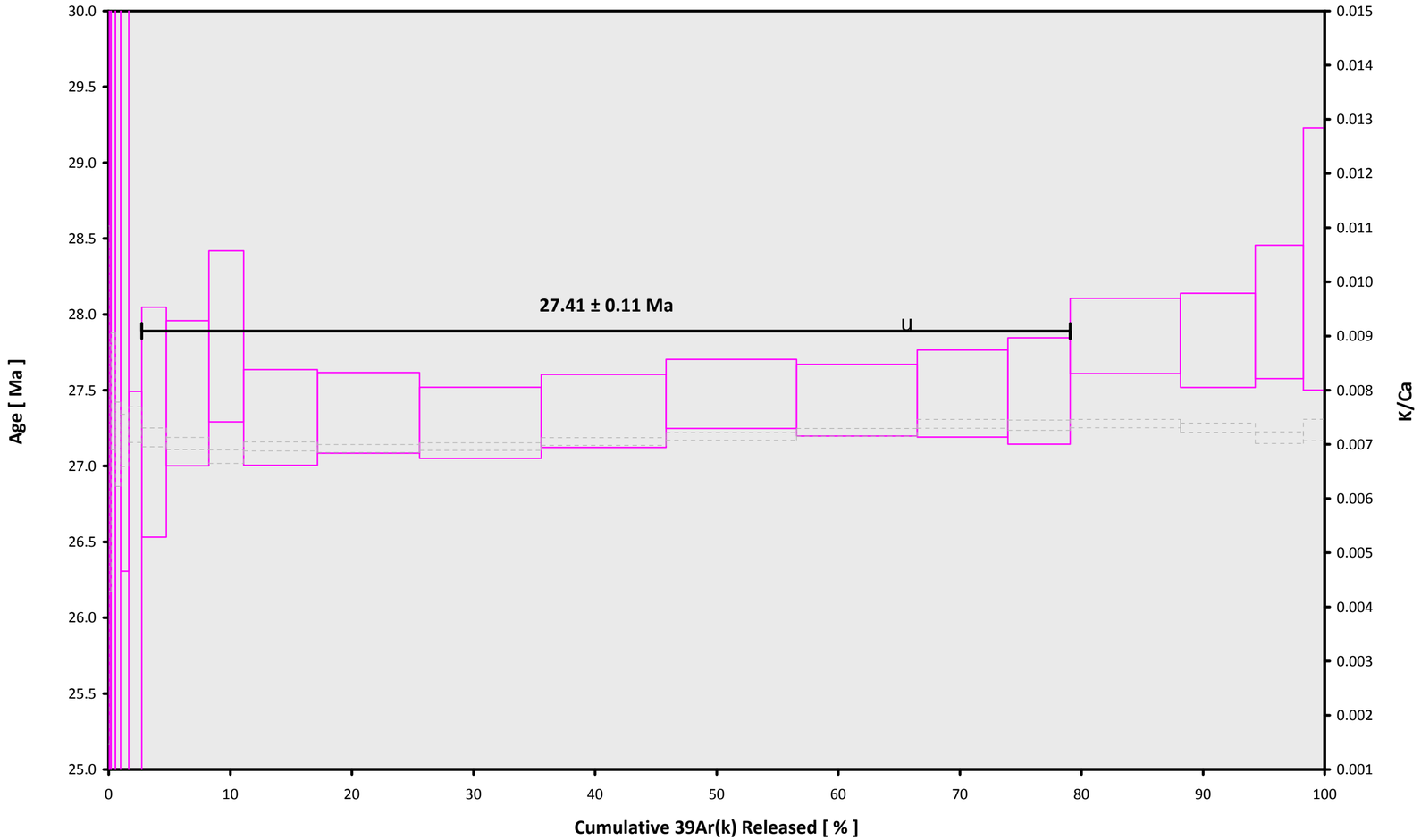
Intercept Values		36Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	37Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	38Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	39Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	40Ar ± 1σ (SE) [fA]	r2	Regression (type,n)
13D03941	1.6 %	0.0221142 ± 0.0003315	0.5614	EXP 150 of 150	0.518197 ± 0.029582	0.0005	EXP 150 of 150	0.0447638 ± 0.0302429	0.0038	EXP 150 of 150	0.1693943 ± 0.0273357	0.0077	EXP 150 of 150	7.384146 ± 0.026817	0.9880	EXP 149 of 150
13D03943	2.0 %	0.0226396 ± 0.0003514	0.6160	EXP 149 of 150	1.080592 ± 0.033558	0.0135	EXP 150 of 150	0.0486229 ± 0.0271744	0.0227	EXP 150 of 150	0.3206659 ± 0.0273377	0.0002	EXP 150 of 150	8.554274 ± 0.026954	0.9859	EXP 150 of 150
13D03944	2.4 %	0.0266397 ± 0.0003542	0.4962	EXP 149 of 150	2.258137 ± 0.033330	0.0762	EXP 150 of 150	0.0431217 ± 0.0277612	0.0192	EXP 150 of 150	0.7305581 ± 0.0269217	0.0479	EXP 150 of 150	11.424849 ± 0.029371	0.9798	EXP 150 of 150
13D03945	2.8 %	0.0283698 ± 0.0004768	0.3489	EXP 150 of 150	3.059443 ± 0.029488	0.2401	EXP 150 of 150	0.0367944 ± 0.0295069	0.0110	EXP 150 of 150	0.8643630 ± 0.0260861	0.0175	EXP 150 of 150	12.591686 ± 0.025465	0.9825	EXP 150 of 150
13D03947	3.2 %	0.0349061 ± 0.0004352	0.3349	EXP 150 of 150	4.802027 ± 0.030496	0.3892	EXP 150 of 150	0.0397534 ± 0.0270668	0.0136	EXP 150 of 150	1.3391860 ± 0.0242500	0.0630	EXP 150 of 150	17.258837 ± 0.029241	0.9647	EXP 150 of 150
13D03948	3.6 %	0.0463723 ± 0.0005176	0.0494	EXP 150 of 150	7.232067 ± 0.034016	0.5991	EXP 150 of 150	0.0520792 ± 0.0281568	0.0138	EXP 150 of 150	2.0654340 ± 0.0246549	0.2648	EXP 150 of 150	23.339272 ± 0.029951	0.9308	EXP 150 of 150
13D03949	4.0 %	0.0756048 ± 0.0006898	0.0009	EXP 150 of 150	14.190227 ± 0.030066	0.8751	EXP 150 of 150	0.0012531 ± 0.0312163	0.0005	EXP 150 of 150	3.8799372 ± 0.0238660	0.5112	EXP 150 of 150	41.639413 ± 0.035678	0.2182	EXP 150 of 150
13D03951	4.5 %	0.1190549 ± 0.0008721	0.1106	EXP 150 of 150	24.928146 ± 0.034920	0.9425	EXP 150 of 150	0.1069597 ± 0.0267053	0.0162	EXP 150 of 150	6.6720726 ± 0.0240718	0.7639	EXP 150 of 150	68.492170 ± 0.033646	0.9711	EXP 150 of 150
13D03952	5.2 %	0.1008774 ± 0.0007459	0.0527	EXP 150 of 150	21.207911 ± 0.031652	0.9320	EXP 150 of 150	0.0634559 ± 0.0260282	0.0025	EXP 150 of 150	5.4964446 ± 0.0249256	0.6767	EXP 150 of 150	56.990460 ± 0.030230	0.9434	EXP 150 of 150
13D03953	6.1 %	0.1954959 ± 0.0010068	0.3929	EXP 150 of 150	43.494076 ± 0.033059	0.9825	EXP 150 of 150	0.1504131 ± 0.0275480	0.0047	EXP 150 of 150	11.5196421 ± 0.0261857	0.8985	EXP 150 of 150	114.387772 ± 0.036897	0.9948	EXP 150 of 150
13D03955	7.3 %	0.2641725 ± 0.0012721	0.5306	EXP 150 of 150	60.624686 ± 0.035041	0.9900	EXP 150 of 150	0.1890881 ± 0.0263201	0.0000	EXP 149 of 150	15.9564185 ± 0.0274952	0.9390	EXP 150 of 150	156.281556 ± 0.039949	0.9975	EXP 150 of 150
13D03956	8.5 %	0.3133779 ± 0.0012776	0.6267	EXP 150 of 150	71.932508 ± 0.034654	0.9929	EXP 150 of 150	0.2270206 ± 0.0295521	0.0034	EXP 150 of 150	19.0179881 ± 0.0242027	0.9648	EXP 150 of 150	185.899074 ± 0.038819	0.9985	EXP 150 of 150
13D03957	9.7 %	0.3161816 ± 0.0014491	0.5914	EXP 150 of 150	72.694821 ± 0.036710	0.9923	EXP 150 of 150	0.2549278 ± 0.0300879	0.0080	EXP 150 of 150	19.4700544 ± 0.0272439	0.9571	EXP 149 of 150	190.693560 ± 0.041037	0.9984	EXP 150 of 150
13D03959	11.0 %	0.3307189 ± 0.0013206	0.6499	EXP 149 of 150	75.052311 ± 0.034004	0.9936	EXP 150 of 150	0.2396366 ± 0.0289747	0.0009	EXP 150 of 150	20.3632153 ± 0.0267085	0.9642	EXP 149 of 150	201.507440 ± 0.043183	0.9985	EXP 150 of 150
13D03960	12.4 %	0.3059732 ± 0.0013090	0.6393	EXP 149 of 150	68.665694 ± 0.034188	0.9923	EXP 149 of 150	0.2447183 ± 0.0277901	0.0125	EXP 150 of 150	18.8205805 ± 0.0258715	0.9592	EXP 150 of 150	186.906546 ± 0.039799	0.9984	EXP 150 of 150
13D03961	13.8 %	0.2261717 ± 0.0012447	0.4682	EXP 150 of 150	50.431051 ± 0.031614	0.9879	EXP 150 of 150	0.1325822 ± 0.0311381	0.0007	EXP 150 of 150	14.1226137 ± 0.0293662	0.9106	EXP 150 of 150	140.676996 ± 0.040004	0.9967	EXP 150 of 150
13D03963	15.4 %	0.1610870 ± 0.0009510	0.3922	EXP 150 of 150	34.900648 ± 0.034265	0.9706	EXP 150 of 150	0.1666742 ± 0.0279966	0.0339	EXP 150 of 150	9.7569605 ± 0.0252464	0.8608	EXP 150 of 150	98.305769 ± 0.039833	0.9911	EXP 150 of 150
13D03964	17.2 %	0.2871678 ± 0.0012622	0.5464	LIN 150 of 150	61.301064 ± 0.032205	0.9914	EXP 150 of 150	0.2289576 ± 0.0309855	0.0101	EXP 150 of 150	17.1813670 ± 0.0258230	0.9517	EXP 150 of 150	177.146780 ± 0.038530	0.9984	EXP 150 of 150
13D03965	19.4 %	0.1931114 ± 0.0010288	0.3749	EXP 150 of 150	42.079997 ± 0.030753	0.9838	EXP 150 of 150	0.1588883 ± 0.0292631	0.0074	EXP 150 of 150	11.6953152 ± 0.0253368	0.9009	EXP 150 of 150	118.943989 ± 0.036500	0.9958	EXP 150 of 150
13D03967	21.9 %	0.1340103 ± 0.0008493	0.2581	EXP 149 of 150	27.752505 ± 0.034166	0.9565	EXP 150 of 150	0.0565074 ± 0.0260937	0.0039	EXP 150 of 150	7.5526852 ± 0.0269187	0.7662	EXP 150 of 150	78.971005 ± 0.033764	0.9870	EXP 150 of 150
13D03969	23.0 %	0.0626758 ± 0.0006050	0.0296	EXP 150 of 150	12.030107 ± 0.029773	0.8386	EXP 149 of 150	0.0260489 ± 0.0267584	0.0000	EXP 150 of 150	3.3764155 ± 0.0226455	0.3998	EXP 150 of 150	36.532731 ± 0.026621	0.2035	EXP 149 of 150

Project Info		Analyst	Irradiation	X-pos	Y-pos	Z/H-pos	Project	Experiment	Nmb
13D03941	1.6 %	Susan Schnur	13-OSU-05			64.40	Walvis Ridge\MV1203 (13-INT-04)	13D03940	01
13D03943	2.0 %	Susan Schnur	13-OSU-05			64.40	Walvis Ridge\MV1203 (13-INT-04)	13D03940	01
13D03944	2.4 %	Susan Schnur	13-OSU-05			64.40	Walvis Ridge\MV1203 (13-INT-04)	13D03940	01
13D03945	2.8 %	Susan Schnur	13-OSU-05			64.40	Walvis Ridge\MV1203 (13-INT-04)	13D03940	01
13D03947	3.2 %	Susan Schnur	13-OSU-05			64.40	Walvis Ridge\MV1203 (13-INT-04)	13D03940	01
13D03948	3.6 %	Susan Schnur	13-OSU-05			64.40	Walvis Ridge\MV1203 (13-INT-04)	13D03940	01
13D03949	4.0 %	Susan Schnur	13-OSU-05			64.40	Walvis Ridge\MV1203 (13-INT-04)	13D03940	01
13D03951	4.5 %	Susan Schnur	13-OSU-05			64.40	Walvis Ridge\MV1203 (13-INT-04)	13D03940	01
13D03952	5.2 %	Susan Schnur	13-OSU-05			64.40	Walvis Ridge\MV1203 (13-INT-04)	13D03940	01
13D03953	6.1 %	Susan Schnur	13-OSU-05			64.40	Walvis Ridge\MV1203 (13-INT-04)	13D03940	01
13D03955	7.3 %	Susan Schnur	13-OSU-05			64.40	Walvis Ridge\MV1203 (13-INT-04)	13D03940	01
13D03956	8.5 %	Susan Schnur	13-OSU-05			64.40	Walvis Ridge\MV1203 (13-INT-04)	13D03940	01
13D03957	9.7 %	Susan Schnur	13-OSU-05			64.40	Walvis Ridge\MV1203 (13-INT-04)	13D03940	01
13D03959	11.0 %	Susan Schnur	13-OSU-05			64.40	Walvis Ridge\MV1203 (13-INT-04)	13D03940	01
13D03960	12.4 %	Susan Schnur	13-OSU-05			64.40	Walvis Ridge\MV1203 (13-INT-04)	13D03940	01
13D03961	13.8 %	Susan Schnur	13-OSU-05			64.40	Walvis Ridge\MV1203 (13-INT-04)	13D03940	01
13D03963	15.4 %	Susan Schnur	13-OSU-05			64.40	Walvis Ridge\MV1203 (13-INT-04)	13D03940	01
13D03964	17.2 %	Susan Schnur	13-OSU-05	0.00	0.00	64.40	Walvis Ridge\MV1203 (13-INT-04)	13D03940	01
13D03965	19.4 %	Susan Schnur	13-OSU-05			64.40	Walvis Ridge\MV1203 (13-INT-04)	13D03940	01
13D03967	21.9 %	Susan Schnur	13-OSU-05			64.40	Walvis Ridge\MV1203 (13-INT-04)	13D03940	01
13D03969	23.0 %	Susan Schnur	13-OSU-05			64.40	Walvis Ridge\MV1203 (13-INT-04)	13D03940	01

Sample Parameters		Sample	Material	Location	Standard Name	Standard (in Ma)	%1σ	Standard Reference	Standard 40Ar/39Ar	%1σ	J	%1σ	Air 40Ar/36Ar	%1σ	MDF (lin)	%1σ	Volume Ratio	Sensitivity (mol/volt)	Day	Month	Year	Hour	Min	Resist
13D03941	1.6 %	MV1203-D37-01	Plagioclase	Omura Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.13215	0.114	0.00155124	0.114	302.782	0.094	0.99397965	0.063	1	4.8E-14	7	NOV	2013	7	45	1
13D03943	2.0 %	MV1203-D37-01	Plagioclase	Omura Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.13215	0.114	0.00155124	0.114	302.782	0.094	0.99397965	0.063	1	4.8E-14	7	NOV	2013	8	10	1
13D03944	2.4 %	MV1203-D37-01	Plagioclase	Omura Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.13215	0.114	0.00155124	0.114	302.782	0.094	0.99397965	0.063	1	4.8E-14	7	NOV	2013	8	22	1
13D03945	2.8 %	MV1203-D37-01	Plagioclase	Omura Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.13215	0.114	0.00155124	0.114	302.782	0.094	0.99397965	0.063	1	4.8E-14	7	NOV	2013	8	35	1
13D03947	3.2 %	MV1203-D37-01	Plagioclase	Omura Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.13215	0.114	0.00155124	0.114	302.782	0.094	0.99397965	0.063	1	4.8E-14	7	NOV	2013	8	59	1
13D03948	3.6 %	MV1203-D37-01	Plagioclase	Omura Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.13215	0.114	0.00155124	0.114	302.782	0.094	0.99397965	0.063	1	4.8E-14	7	NOV	2013	9	12	1
13D03949	4.0 %	MV1203-D37-01	Plagioclase	Omura Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.13215	0.114	0.00155124	0.114	302.782	0.094	0.99397965	0.063	1	4.8E-14	7	NOV	2013	9	24	1
13D03951	4.5 %	MV1203-D37-01	Plagioclase	Omura Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.13215	0.114	0.00155124	0.114	302.782	0.094	0.99397965	0.063	1	4.8E-14	7	NOV	2013	9	49	1
13D03952	5.2 %	MV1203-D37-01	Plagioclase	Omura Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.13215	0.114	0.00155124	0.114	302.782	0.094	0.99397965	0.063	1	4.8E-14	7	NOV	2013	10	2	1
13D03953	6.1 %	MV1203-D37-01	Plagioclase	Omura Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.13215	0.114	0.00155124	0.114	302.782	0.094	0.99397965	0.063	1	4.8E-14	7	NOV	2013	10	14	1
13D03955	7.3 %	MV1203-D37-01	Plagioclase	Omura Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.13215	0.114	0.00155124	0.114	302.782	0.094	0.99397965	0.063	1	4.8E-14	7	NOV	2013	10	39	1
13D03956	8.5 %	MV1203-D37-01	Plagioclase	Omura Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.13215	0.114	0.00155124	0.114	302.782	0.094	0.99397965	0.063	1	4.8E-14	7	NOV	2013	10	51	1
13D03957	9.7 %	MV1203-D37-01	Plagioclase	Omura Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.13215	0.114	0.00155124	0.114	302.782	0.094	0.99397965	0.063	1	4.8E-14	7	NOV	2013	11	4	1
13D03959	11.0 %	MV1203-D37-01	Plagioclase	Omura Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.13215	0.114	0.00155124	0.114	302.782	0.094	0.99397965	0.063	1	4.8E-14	7	NOV	2013	11	28	1
13D03960	12.4 %	MV1203-D37-01	Plagioclase	Omura Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.13215	0.114	0.00155124	0.114	302.782	0.094	0.99397965	0.063	1	4.8E-14	7	NOV	2013	11	41	1
13D03961	13.8 %	MV1203-D37-01	Plagioclase	Omura Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.13215	0.114	0.00155124	0.114	302.782	0.094	0.99397965	0.063	1	4.8E-14	7	NOV	2013	11	53	1
13D03963	15.4 %	MV1203-D37-01	Plagioclase	Omura Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.13215	0.114	0.00155124	0.114	302.782	0.094	0.99397965	0.063	1	4.8E-14	7	NOV	2013	12	18	1
13D03964	17.2 %	MV1203-D37-01	Plagioclase	Omura Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.13215	0.114	0.00155124	0.114	302.782	0.094	0.99397965	0.063	1	4.8E-14	7	NOV	2013	12	31	1
13D03965	19.4 %	MV1203-D37-01	Plagioclase	Omura Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.13215	0.114	0.00155124	0.114	302.782	0.094	0.99397965	0.063	1	4.8E-14	7	NOV	2013	12	43	1
13D03967	21.9 %	MV1203-D37-01	Plagioclase	Omura Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.13215	0.114	0.00155124	0.114	302.782	0.094	0.99397965	0.063	1	4.8E-14	7	NOV	2013	13	8	1
13D03969	23.0 %	MV1203-D37-01	Plagioclase	Omura Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.13215	0.114	0.00155124	0.114	302.782	0.094	0.99397965	0.063	1	4.8E-14	7	NOV	2013	13	33	1

Irradiation Constants		40/36(a)	%1σ	40/36(c)	%1σ	38/36(a)	%1σ	38/36(c)	%1σ	39/37(ca)	%1σ	38/37(ca)	%1σ	36/37(ca)	%1σ	40/39(k)	%1σ	38/39(k)	%1σ	36/38(cl)	%1σ	K/Ca	%1σ	K/Cl	%1σ	Ca/Cl	%1σ
13D03941	1.6 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
13D03943	2.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
13D03944	2.4 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
13D03945	2.8 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
13D03947	3.2 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
13D03948	3.6 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
13D03949	4.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
13D03951	4.5 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
13D03952	5.2 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
13D03953	6.1 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
13D03955	7.3 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
13D03956	8.5 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
13D03957	9.7 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
13D03959	11.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
13D03960	12.4 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
13D03961	13.8 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
13D03963	15.4 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
13D03964	17.2 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
13D03965	19.4 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
13D03967	21.9 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
13D03969	23.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0

13D03940.AGE >>> MV1203-D37-01 >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
27.41 ± 0.11
TOTAL FUSION
27.53 ± 0.11
NORMAL ISOCHRON
27.30 ± 0.29
INVERSE ISOCHRON
27.28 ± 0.31

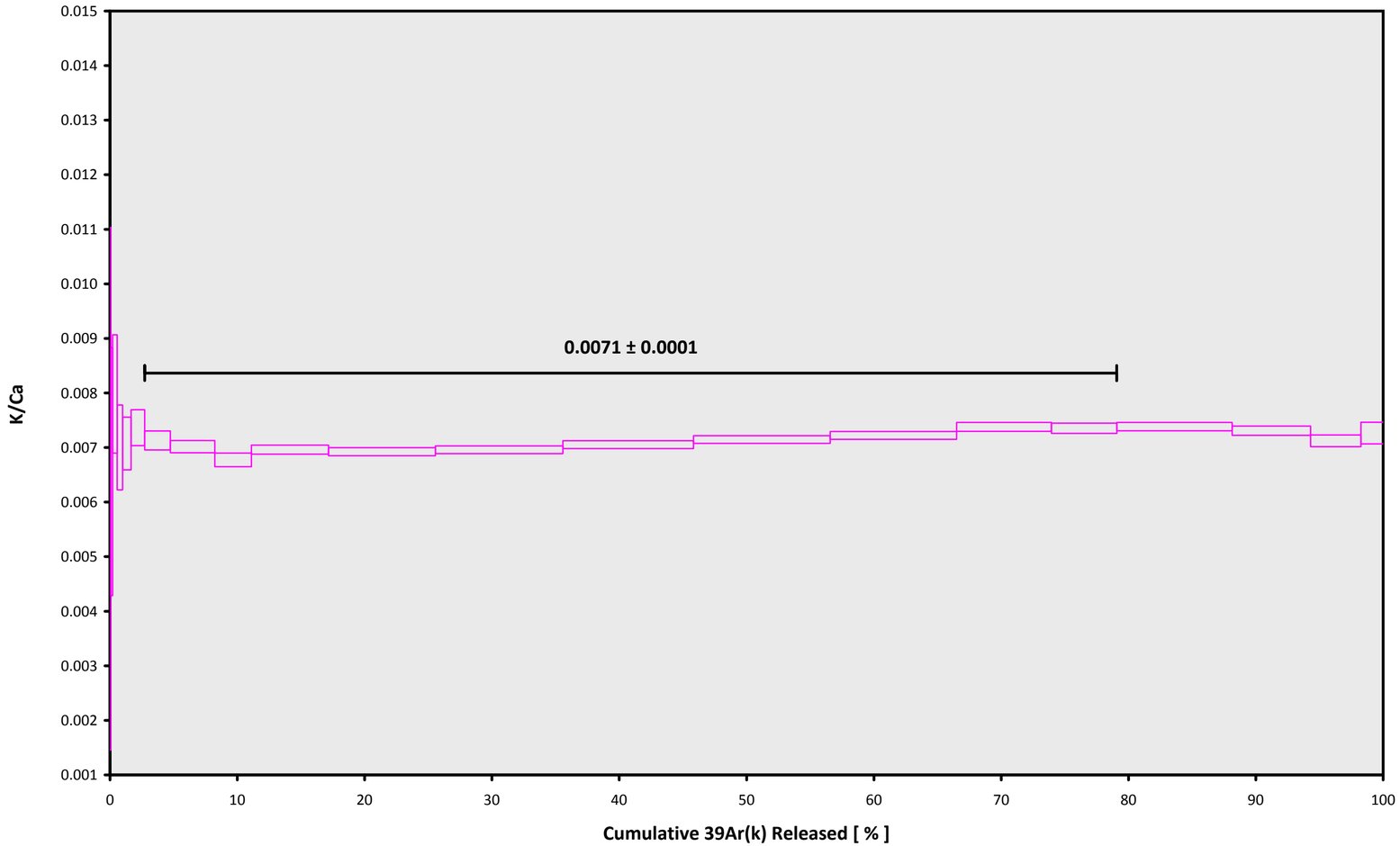
MSWD (PROBABILITY)
0.53 (87%)

Sample Info

Plagioclase
Omura Guyot
Susan Schnur

IRR = 13-OSU-05
J = 0.00155124 ± 0.00000177

13D03940.AGE >>> MV1203-D37-01 >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

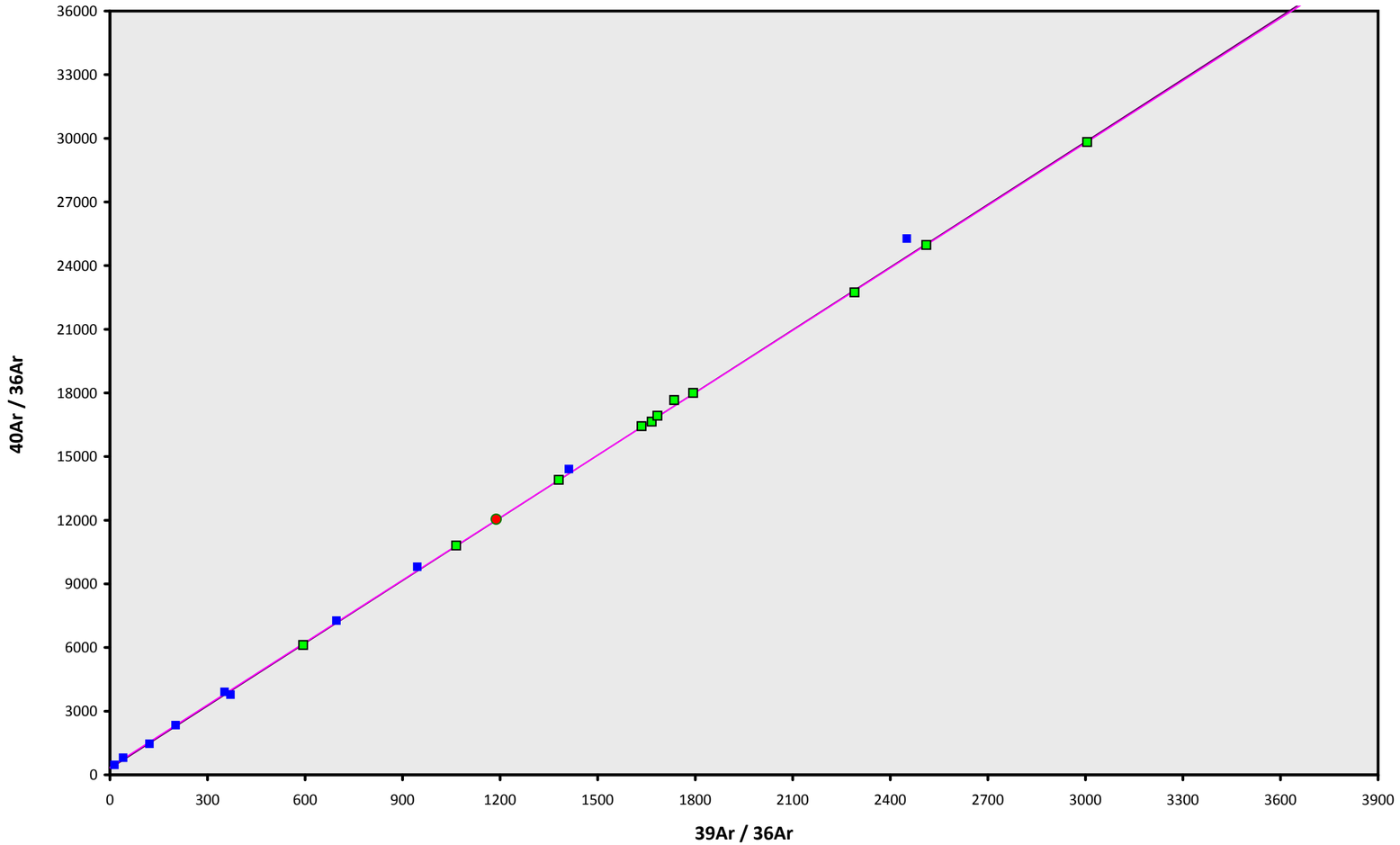
WEIGHTED PLATEAU
27.41 ± 0.11
TOTAL FUSION
27.53 ± 0.11
NORMAL ISOCHRON
27.30 ± 0.29
INVERSE ISOCHRON
27.28 ± 0.31

Sample Info

Plagioclase
Omura Guyot
Susan Schnur

IRR = 13-OSU-05
J = 0.00155124 ± 0.00000177

13D03940.AGE >>> MV1203-D37-01 >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
27.41 ± 0.11
TOTAL FUSION
27.53 ± 0.11
NORMAL ISOCHRON
27.30 ± 0.29
INVERSE ISOCHRON
27.28 ± 0.31

MSWD (PROBABILITY)
0.39 (94%)

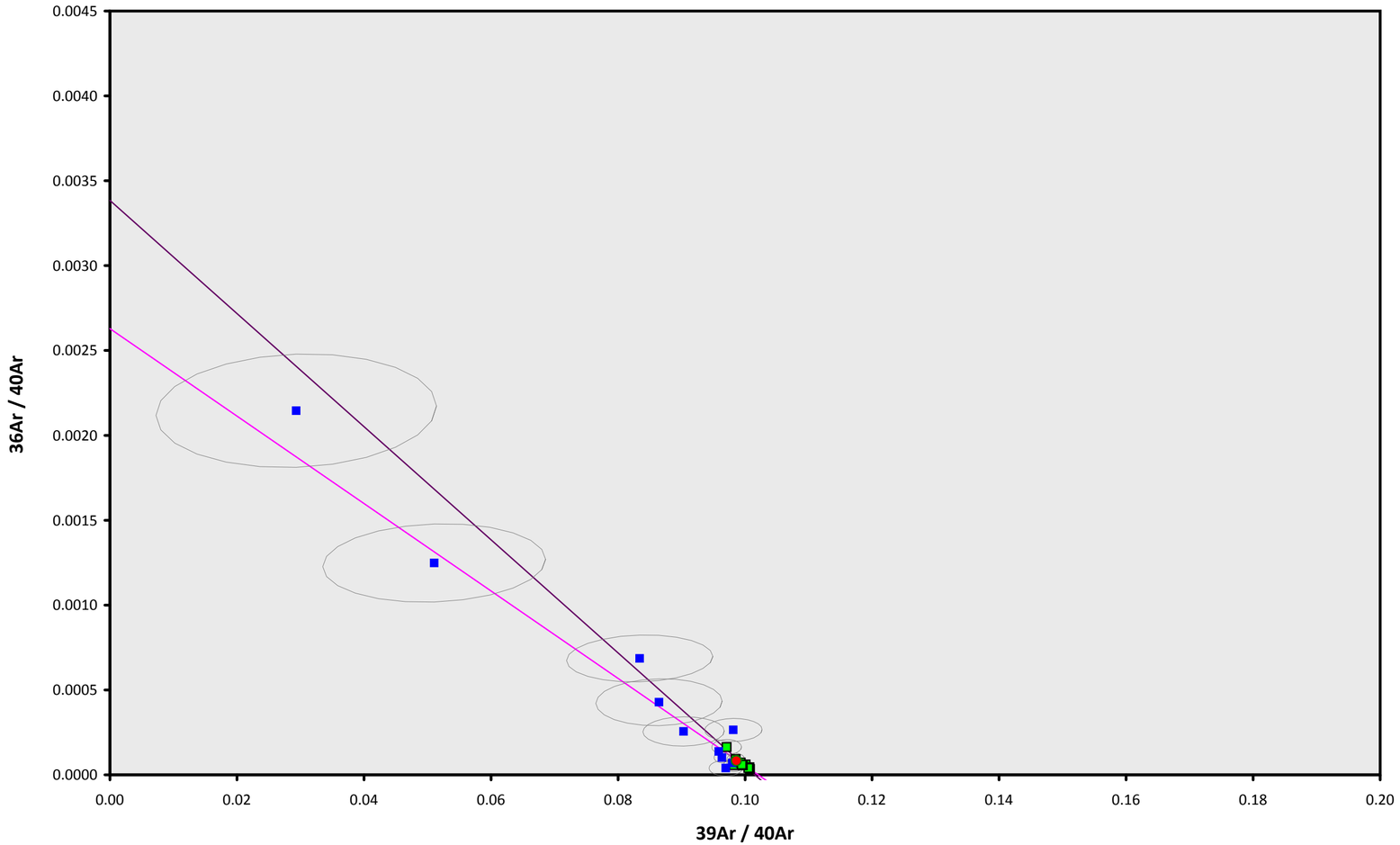
40AR/36AR INTERCEPT
351.6 ± 172.1

Sample Info

Plagioclase
Omura Guyot
Susan Schnur

IRR = 13-OSU-05
J = 0.00155124 ± 0.00000177

13D03940.AGE >>> MV1203-D37-01 >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
27.41 ± 0.11
TOTAL FUSION
27.53 ± 0.11
NORMAL ISOCHRON
27.30 ± 0.29
INVERSE ISOCHRON
27.28 ± 0.31

MSWD (PROBABILITY)
0.47 (89%)

SPREADING FACTOR
3.6%

40AR/36AR INTERCEPT
380.5 ± 183.5

Sample Info

Plagioclase
Omura Guyot
Susan Schnur

IRR = 13-OSU-05
J = 0.00155124 ± 0.00000177